**CRIB MINERAL RESOURCES FILE 12**

**RECORD IDENTIFICATION**

- **RECORD NO.** M061214
- **RECORD TYPE.** XM1
- **COUNTRY/ORGANIZATION.** USGS
- **MAP CODE NO. OF REC.**

**REPORTER**

- **NAME.** JOHNSON, MAUREEN G.
- **UPDATED.** 81 05
- **BY.** FERNS, MARK L. (BROOKS, HOWARD C.)

<table>
<thead>
<tr>
<th>NAME AND LOCATION</th>
<th>DEPOSIT NAME</th>
<th>HOGUM CREEK</th>
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<tbody>
<tr>
<td></td>
<td>SYNONYM NAME</td>
<td>300TH PLACER</td>
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</table>

**MINING DISTRICT/AREA/SUBDIST.** RIDDLE

**COUNTRY CODE** US
**COUNTRY NAME:** UNITED STATES

**STATE CODE** OR
**STATE NAME:** OREGON

**COUNTY** DOUGLAS
**DRAINAGE AREA** 17100-802 PACIFIC NORTHWEST
**PHYSIOGRAPHIC PROV.** 13 KLAMATH MOUNTAINS
**LAND CLASSIFICATION** 01

**QUAD SCALE** 1:62500
**QUAD NO OR NAME** DAYS CREEK

**LATITUDE** 42-46-15N
**LONGITUDE** 123-11-02W

**UTM NORTING** 4735182.5
**UTM EASTING** 484946.0
**UTM ZONE NO** 10

**THP** 32S
**RANGE** 04W
**SECTION** 20 21 28 30
**MERIDIAN** WILLAMETTE

**POSITION FROM NEAREST PROMINENT LOCALITY:** ON HOGUM CREEK

**LOCATION COMMENTS:** 20, 21, 28

**COMMODITY INFORMATION**

**COMMODITIES PRESENT** Au
EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 8

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:
PLACER

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA
SIZE OF DEPOSIT: SMALL
MAX WIDTH: 100 FT.
MAX THICKNESS: 12 FT.

COMMENTS (DESCRIPTION OF DEPOSIT):
VALUES CONCENTRATED NEAR SHALE BEDROCK

DESCRIPTION OF WORKINGS
SURFACE

COMMENTS (DESCRIPTION OF WORKINGS):
HYDRAULIC

PRODUCTION
YES
SMALL PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.):
23 AU, MED SIGNIFICANT 1853-1940 AU

RESERVES ONLY

ITEM ACC AMOUNT THOUS. UNITS YEAR GRADE OR USE
1 SMALL 1940 IND.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS: QUAT
HOST ROCK TYPES: CHANNEL GRAVELS

GEOLOGICAL DESCRIPTIVE NOTES: NO DESCRIPTION OF GRAVEL COMPOSITION; CONTAINS 2 TO 3 FT. DIAMETER BOULDERS.

GENERAL REFERENCES
1) Ramp, L., 1972, GEOLOGY AND MINERAL RESOURCES OF DOUGLAS COUNTY, OREGON; ODGM BULL. 75, P. 38
HOGUM HYDRAULIC MINES (Booth Mine) (Placer) 

Owner: John H. Jantzer, Azalea, Oregon.

Location: On Hogum Creek about 6 miles SE of Azalea in secs.21-28 and 33, T.32 S., R.4 W.

Area: 240 acres consisting of 88 acres patented ground and 152 acres held by location.

History: The ground has been worked in a small way from the time of discovery in 1853 to 1870. During this period about 1/2 mile of the creek was worked. In the '80's W. S. Booth installed hydraulic equipment and used one giant.

The property was worked intermittently up to 1928. Since then the present owner has operated regularly every season.

Geology: The channel is about 100 feet wide and has a uniform grade of about 7%. Gravel varies in thickness from about 12 feet at the lower end to about 7 feet at the upper end and has a variation in color, ranging through blue, green, and red - but apparently values bear no relation to color. There are boulders 2 or 3 feet in diameter. The bedrock is shale and is quite irregular and rough. Values are concentrated near bedrock which often contains coarse gold. A high channel is known to exist on Hogum Creek, but very little is known about it.

Equipment: 3,500 feet of pipe of various sizes. Five No.1 Giants and a gas donkey engine.

Miscellaneous Information: Total water rights held by the company are 20 c.f.s. divided as follows: White Horse -2 c.f.s.; Fizzalout-5 c.f.s.; Boulder Creek-5 c.f.s.; Hogum-8 c.f.s. There are 11 ditches with a total length of 6 miles. A maximum head of 500 feet may be obtained, but most of the water is delivered under a head of less than 100 feet.

The operating season is about 200 days from November to June. The maximum snowfall is 18 inches. During some working seasons, freezing of water in the ditches gives trouble.

Informant: J. E. Morrison, 38.